

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number
WO 2005/082990 A1

(51) International Patent Classification⁷: C08K 5/00, 3/00,
C08L 27/06, C09D 127/06

(21) International Application Number:
PCT/EP2005/050944

(22) International Filing Date: 23 February 2005 (23.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0404588 6 1 March 2004 (01.03.2004) GB

(71) Applicant (for all designated States except US): BASF
COATINGS AG [DE/DE]; Glasuritstr. 1, 48165 Münster
(DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GEILEN, Stefanie
[DE/DE]; Dahlweg 13, 48153 Münster (DE). DAVIES,
Paul [GB/GB]; 23 Everest Close, Great Sutton, South
Wirral CH662RH (GB).

(74) Agent: FITZNER, Uwe; Lintorfer Str. 10, 40878 Ratin-
gen (DE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PVC PLASTISOLS COMPRISING EFFECT PIGMENTS, THEIR PREPARATION AND USE IN COIL COATING

(57) Abstract: Effect pigment PVC plastisols comprising (A) at least one finely divided PVC homopolymer having particle sizes of from 0.04 to 40 µm which as a dispersion in a plasticizer exhibits dilatancy, (B) at least one finely divided PVC homopolymer having particle sizes of from 1 to 400 µm which as a dispersion in a plasticizer exhibits pseudoplasticity, (C) at least one plasticizer, and (D) at least one effect pigment; processes for preparing them, and their use.

WO 2005/082990 A1